

Appln. No.09/648,191
Amdt dated July 10, 2003
Reply to Office action of April 24, 2003

REMARKS

The above identified patent application has been amended and reconsideration and reexamination are hereby requested.

Claims 1 - 14 are now in the application, Claims 15 - 25 having been withdrawn.

The Applicants have amended the Specification to include a cross-reference to related applications from which priority has been claimed as set forth in the Declaration as filed and to include minor typographical/grammatical errors. No new matter has been added.

The Applicants have also amended FIG. 18 to include missing reference numeral "60" in the center of the figure. No new matter has been added.

The Examiner has rejected Claims 1 - 5 and 7 - 14 under 35 U.S.C. §102(b) as being anticipated by Haven. The Examiner has also rejected Claim 6 under 35 U.S.C. §103 as being unpatentable over Haven in view of Chuang et al.

Applicants' independent Claim 1 calls for (underlining added for emphasis) ... A flat panel display comprising: ... a frame mounted on the backplate, the frame having opening portions, the electron emission sources being exposed through the opening portions toward the faceplate; a plurality of spacers formed on the frame such that the spacers are positioned at a non-display area within the cell; and a plurality of gate electrodes formed at a surface of the frame with a predetermined pattern, the gate electrodes having opening portions communicating with the opening portions of the frame.

As such, Applicants submit that Claim 1 is not anticipated by Haven under 35 U.S.C. §102(b).

The present invention provides for a frame mounted on the backplate and a relationship between the frame, the spacers and the gate electrodes.

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Haven, on the other hand, while providing for a backplate structure for a field emission display including spacer walls, does not provide for such frame as claimed in accordance with the present invention, and, in particular, such frame having opening portions such that the electron emission sources are exposed through the opening portions toward the faceplate, such frame having a plurality of spacers formed thereon such that the spacers are positioned at a non-display area within the cell, and such frame having a plurality of gate electrodes formed at the surface thereof with a predetermined pattern with the gate electrodes having opening portions communicating with the opening portions of the frame.

Accordingly, Applicants submit that Claim 1 is not anticipated by Haven under 35 U.S.C. §102(b).

Claims 2 - 14 are dependent on Claim 1. As such, these claims are believed allowable based upon Claim 1.

Therefore, in view of the above amendment and remarks it is submitted that the claims are patentably distinct over the prior art and that all the rejections to the claims have been overcome. Reconsideration and reexamination of the above Application is requested.

Respectfully submitted,
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